

EESTORE-(5-30)

## Smart String Energy Storage System



### More Usable Energy

100% Depth of Discharge  
Pack Level Energy  
Optimization



### Flexible Investment

5kWh Modular Design,  
Scalable from 5 to 30 kWh



### Safe & Reliable

Lithium Iron Phosphate (LFP) Cell



### Easy Installation

12 kg Power Module  
50 kg Battery Module



### Quick Commissioning

Automatically Detected in App



### Perfect Compatibility

Compatible to Both  
Residential Single & Three  
Phase Inverter



# EESTORE-(5-30)

## Technical Specification

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EESTORE-5



EESTORE-10



EESTORE-15



### Performance

|                                              |              |            |            |
|----------------------------------------------|--------------|------------|------------|
| Power Module                                 | EESTORE-5-C0 |            |            |
| Number of Power Modules                      | 1            |            |            |
| Battery Module                               | EESTORE-5-E0 |            |            |
| Battery Module Energy                        | 5 kWh        |            |            |
| Number of Battery Modules                    | 1            | 2          | 3          |
| Battery Usable Energy <sup>1</sup>           | 5 kWh        | 10 kWh     | 15 kWh     |
| Max. Output Power                            | 2.5 kW       | 5 kW       | 5 kW       |
| Peak Output Power                            | 3.5 kW, 10 s | 7 kW, 10 s | 7 kW, 10 s |
| Nominal Voltage(Single Phase System)         | 450 V        |            |            |
| Operating Voltage Range(Single Phase System) | 350 – 560 V  |            |            |
| Nominal Voltage(Three Phase system)          | 600 V        |            |            |
| Operating Voltage Range(Three Phase System)  | 600 – 980 V  |            |            |

### Communication

|               |                                           |
|---------------|-------------------------------------------|
| Display       | SOC status indicator, LED indicator       |
| Communication | RS485 / CAN (only for parallel operation) |

### General Specification

|                                       |                                                   |                                                |                                                 |
|---------------------------------------|---------------------------------------------------|------------------------------------------------|-------------------------------------------------|
| Dimension (W*D*H)                     | 670 * 150 * 600 mm<br>(26.4 * 5.9 * 23.6 inch)    | 670 * 150 * 960 mm<br>(26.4 * 5.9 * 37.8 inch) | 670 * 150 * 1320 mm<br>(26.4 * 5.9 * 60.0 inch) |
| Weight (Floor Stand Toolkit Included) | 63.8 kg (140.7 lb)                                | 113.8 kg (250.9 lb)                            | 163.8 kg (361.1 lb)                             |
| Power Module Dimension (W*D*H)        | 670 * 150 * 240 mm (26.4 * 5.9 * 9.4 inch)        |                                                |                                                 |
| Power Module Weight                   | 12 kg (26.5 lb)                                   |                                                |                                                 |
| Battery Module Dimension (W*D*H)      | 670 * 150 * 360 mm (26.4 * 5.9 * 14.0 inch)       |                                                |                                                 |
| Battery Module Weight                 | 50 kg (110.2 lb)                                  |                                                |                                                 |
| Installation                          | Floor stand (standard), Wall mount (optional)     |                                                |                                                 |
| Operating Temperature                 | -20°C ~ + 55°C (-4°F ~ 131°F) <sup>2</sup>        |                                                |                                                 |
| Operating Altitude                    | 0 - 4,000 m (13,123 ft.) (Derating above 2,000 m) |                                                |                                                 |
| Environment                           | Indoor / Outdoor                                  |                                                |                                                 |
| Relative Humidity                     | 5% ~ 95%                                          |                                                |                                                 |
| Cooling                               | Natural convection                                |                                                |                                                 |
| Protection Rating                     | IP 66                                             |                                                |                                                 |
| Noise Emission                        | <29 dB                                            |                                                |                                                 |
| Cell Technology                       | Lithium-iron phosphate (LiFePO <sub>4</sub> )     |                                                |                                                 |
| Scalability                           | Max. 2 systems in parallel operation              |                                                |                                                 |
| Compatible Inverters                  | EESOLAR-5/6KTL-L1, EESOLAR-6/10KTL-M1             |                                                |                                                 |

### Standard Compliance (more available upon request)

|              |                                                   |
|--------------|---------------------------------------------------|
| Certificates | IEC 62619, IEC 62040, AS/NZS 60947.3:2015, UN38.3 |
|--------------|---------------------------------------------------|

### Ordering and Deliverable Part

|                                     |                                                   |
|-------------------------------------|---------------------------------------------------|
| Product ordering model <sup>3</sup> | EESTORE-5-C0, EESTORE-5-E0, Wall Mounting Bracket |
|-------------------------------------|---------------------------------------------------|

<sup>1</sup> Test conditions: 100% depth of discharge (DoD), 0.2C rate charge & discharge at 25°C.

<sup>2</sup> Charge/discharge derating occurs when the operating temperature from -20°C to 5 °C & 45 °C to 55 °C.

<sup>3</sup> Storage system is ordered and delivered in the form of power module and battery module separately with corresponding quantity.